

Title (en)  
METHOD FOR CREATING A DIGITAL TWIN

Title (de)  
VERFAHREN ZUM ERSTELLEN EINES DIGITALEN ZWILLINGS

Title (fr)  
PROCÉDÉ DE CRÉATION D'UN JUMEAU NUMÉRIQUE

Publication  
**EP 3776398 A1 20210217 (DE)**

Application  
**EP 19727884 A 20190517**

Priority  
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• EP 2019062777 W 20190517

Abstract (en)  
[origin: WO2019242956A1] The invention relates to a method for creating, on the basis of provided product knowledge (20), a software object which functions as a digital twin (12) of a technical product (10), wherein: the product knowledge (20) is available in an automatically processable form and comprises, as object variants (22), data records having data for different variants of at least one component of the technical product (10); the object variants (22) are each assigned an object variant classification (24), which functions as a unique identifier, as well as geometric data (30) and positional data (32); each object variant (22), the object variant classification (24) of which matches a predetermined or predeterminable article code (40), is processed as belonging to the digital twin (12); and, for each object variant (22) belonging to the digital twin (12), the, or each, geometric object described by means of the geometric data (30) of said object variant (22) is positioned corresponding to the positional data (32) of said object variant (22).

IPC 8 full level  
**G06Q 10/06** (2012.01)

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**G06F 18/24** (2023.01 - KR US); **G06F 30/12** (2020.01 - KR US); **G06F 30/20** (2020.01 - KR US); **G06Q 10/06** (2013.01 - EP US); **G06Q 10/0637** (2013.01 - KR); **G06Q 10/10** (2013.01 - KR)

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See references of WO 2019242956A1

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